

Fig. 1

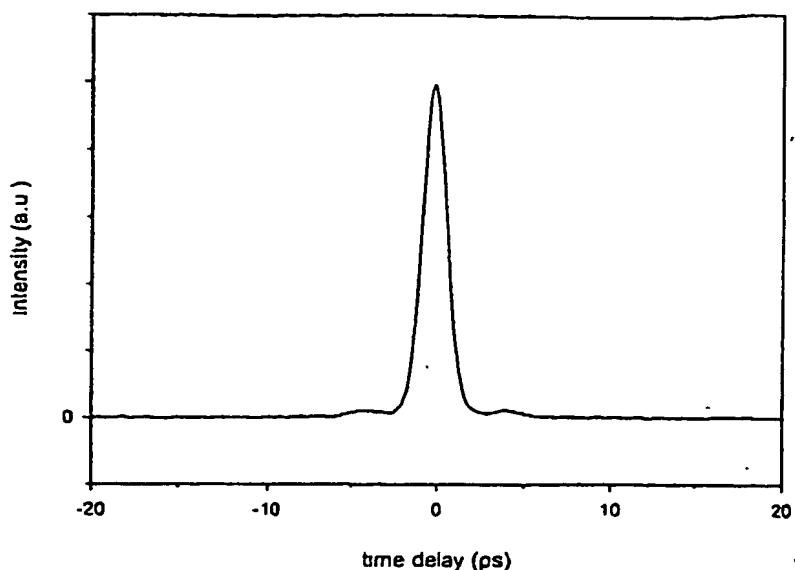


Fig. 2

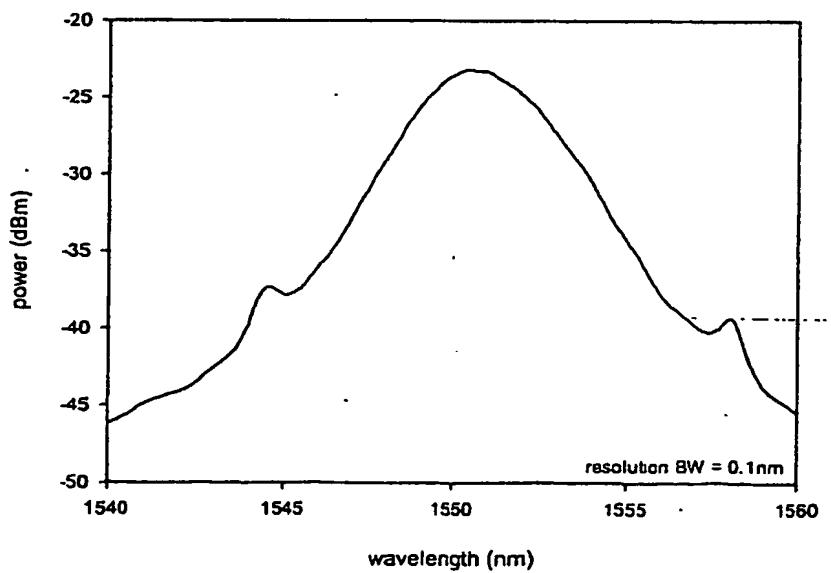


Fig. 3

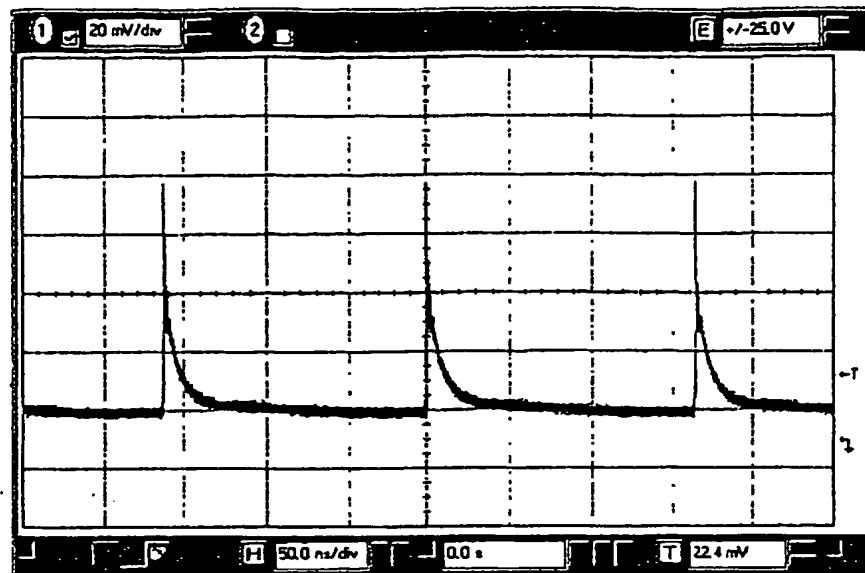


Fig. 4

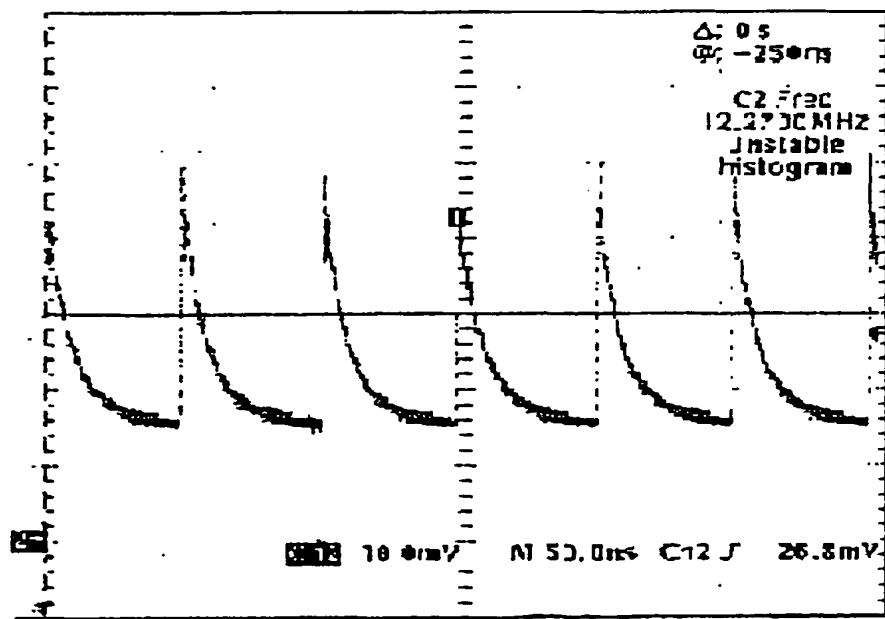


Fig. 5

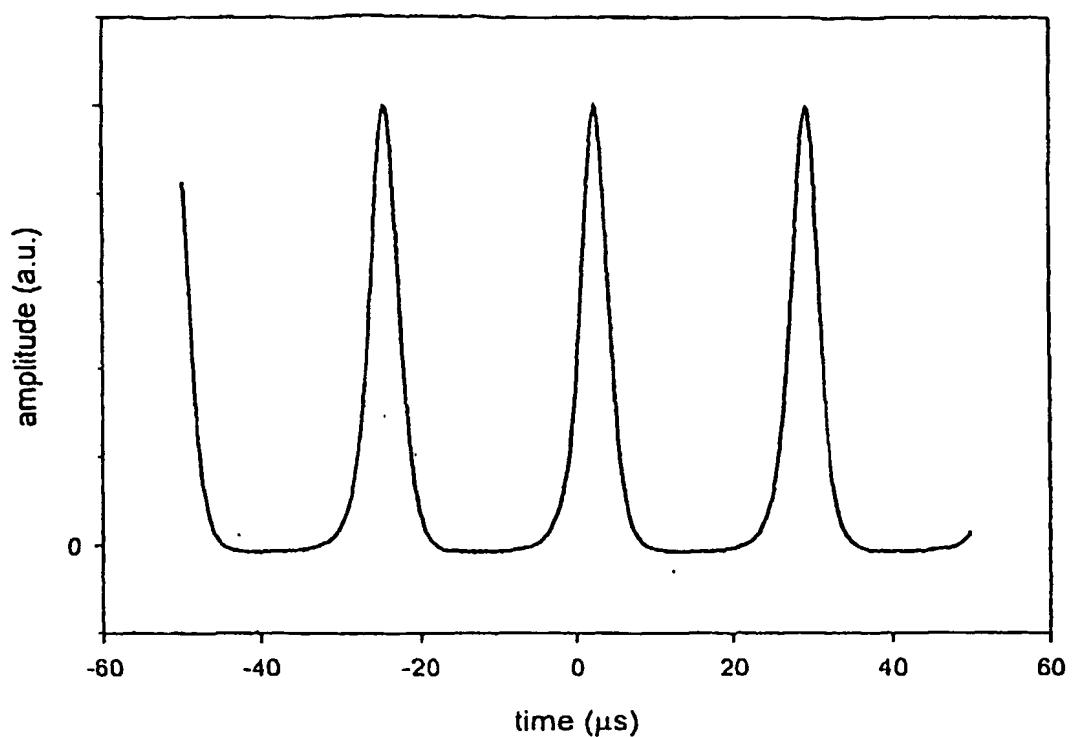
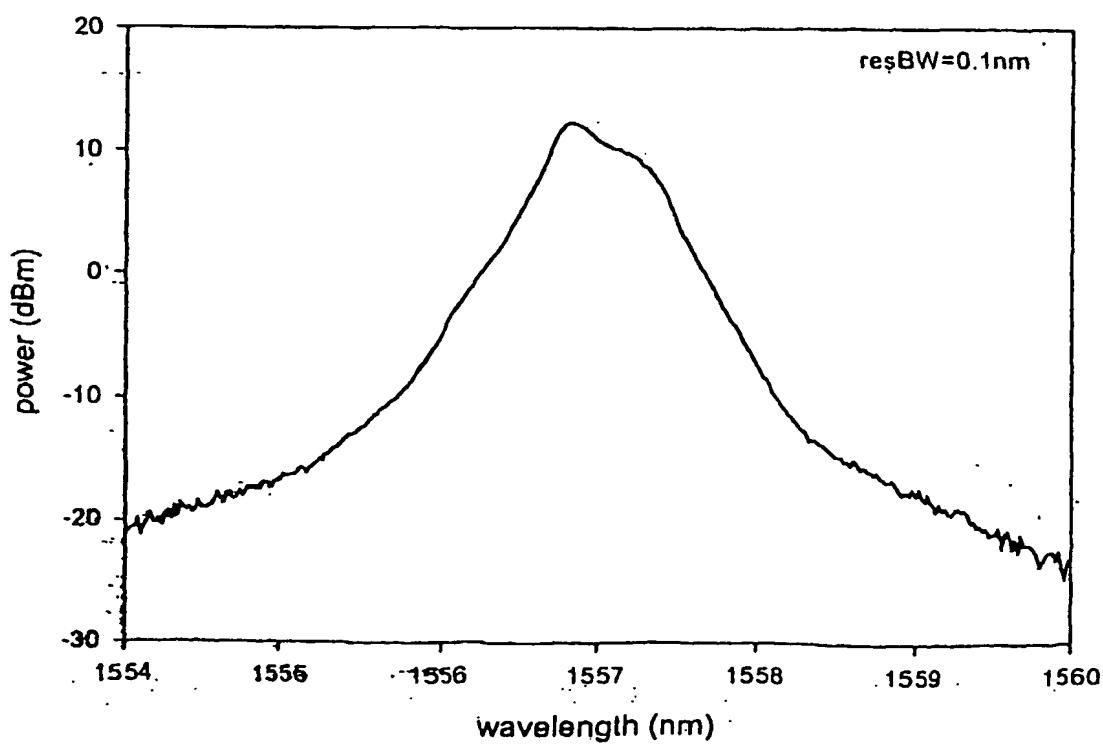


Fig. 6



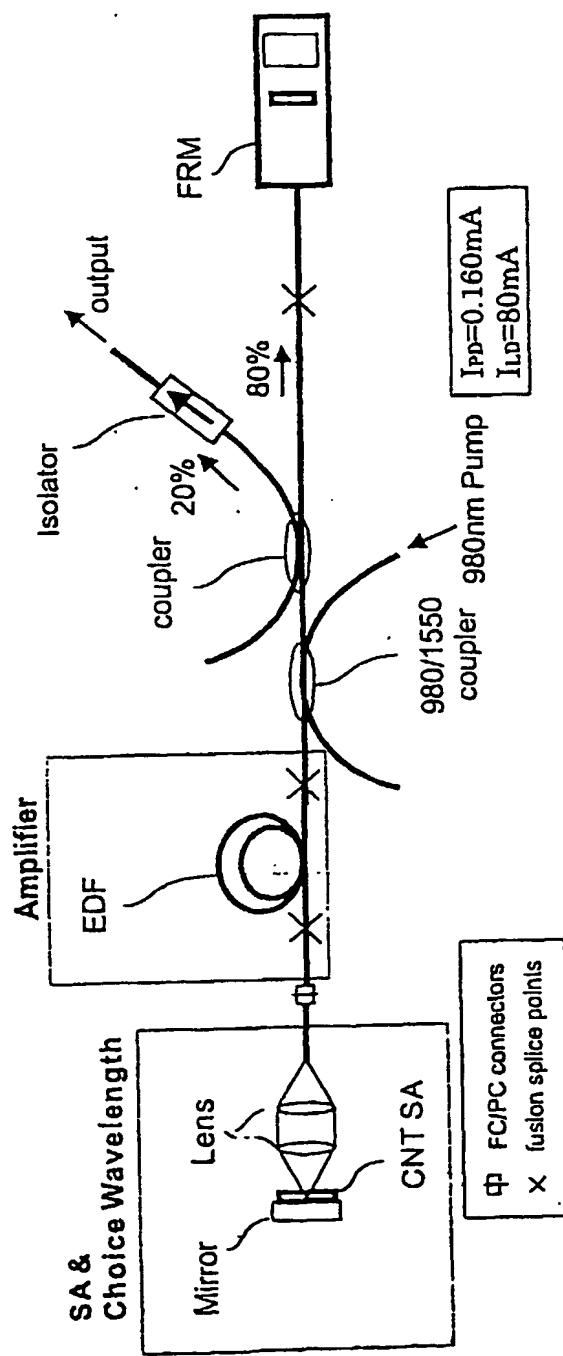


Fig. 8

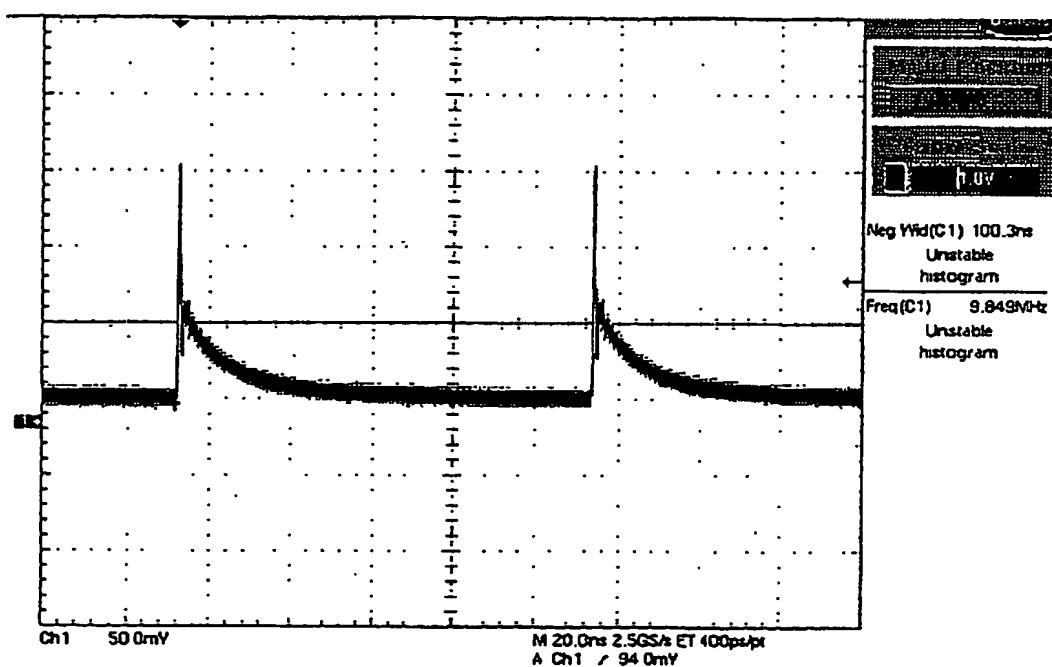


Fig. 9

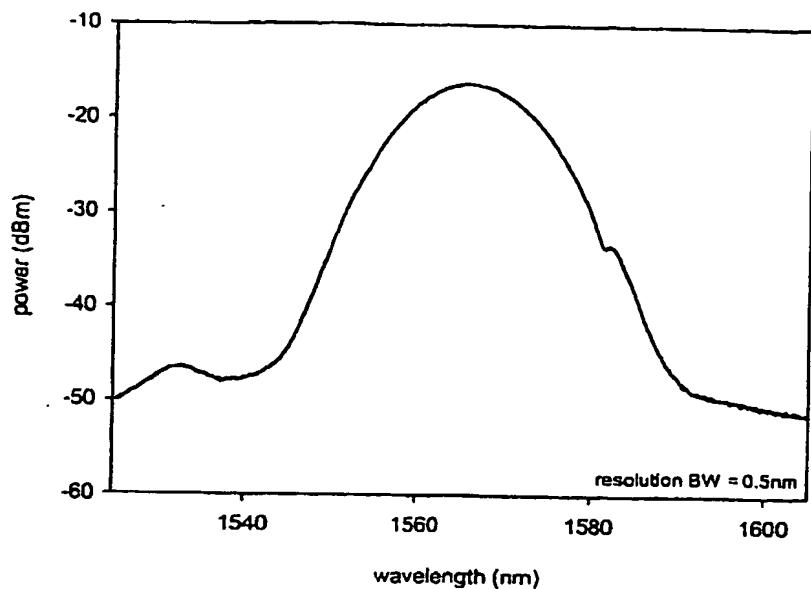


Fig. 10

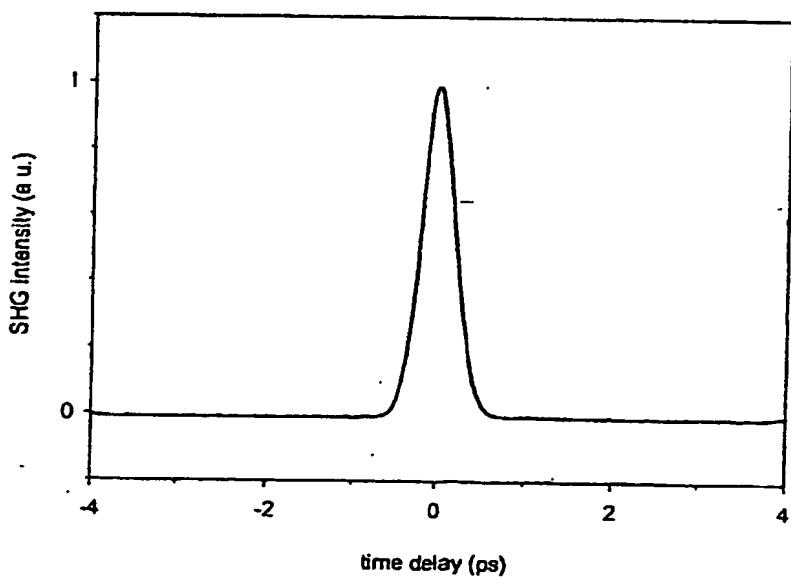


Fig. 11

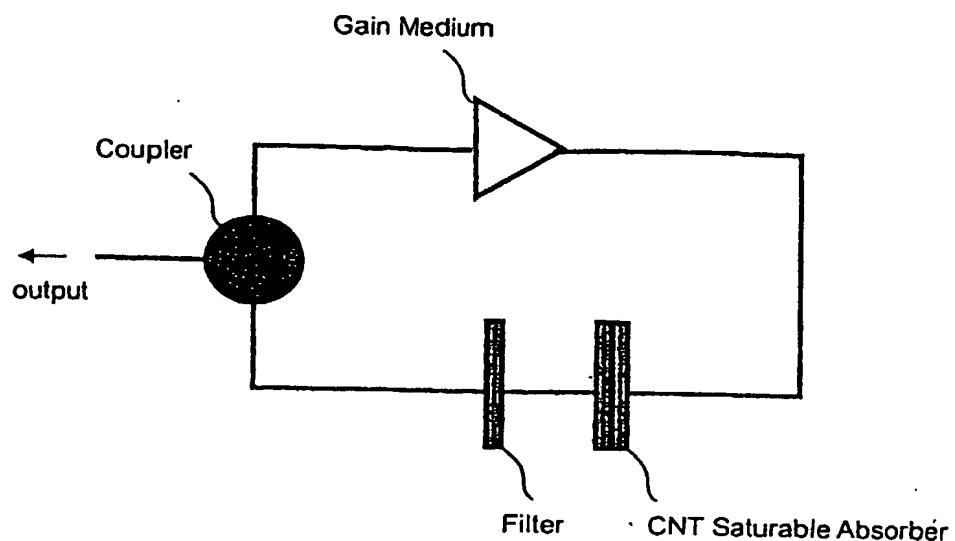


Fig. 12A

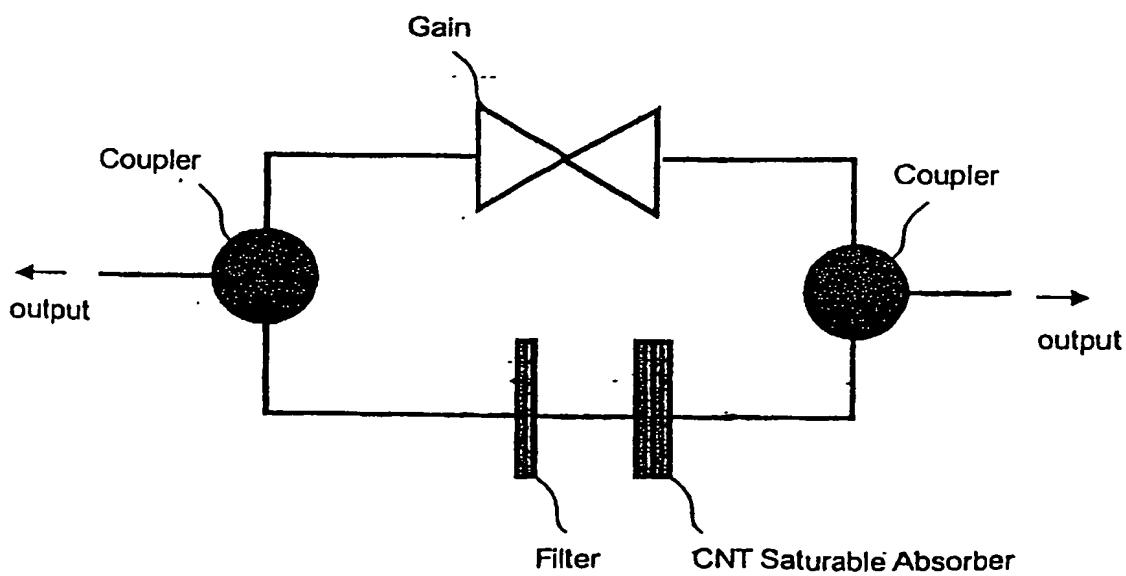


Fig. 12B

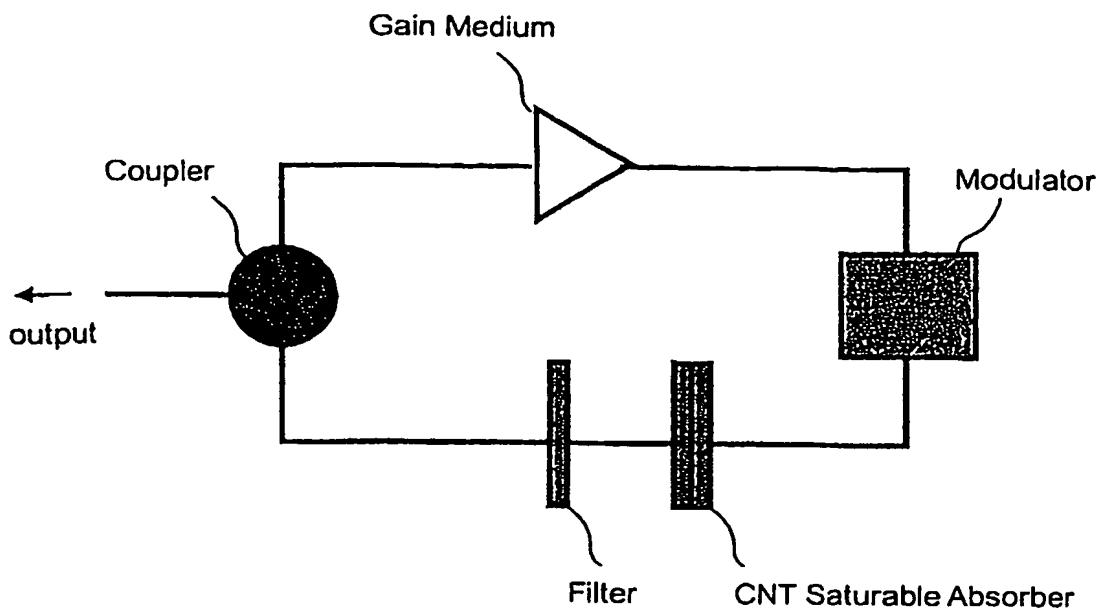


Fig. 12C

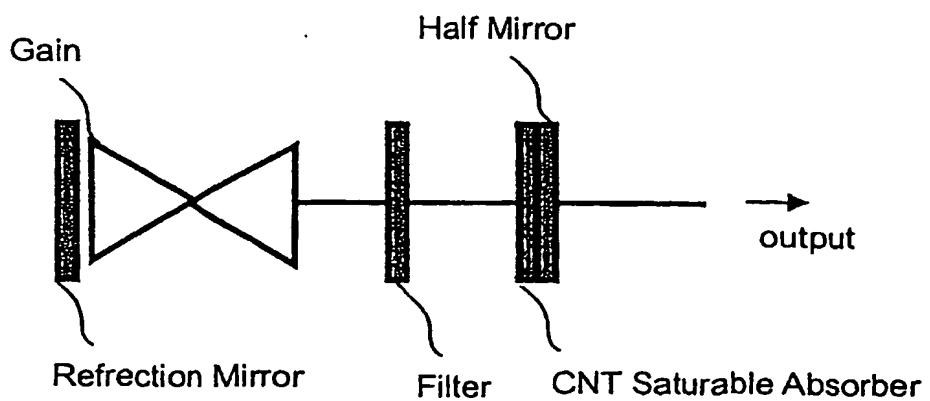


Fig. 13A

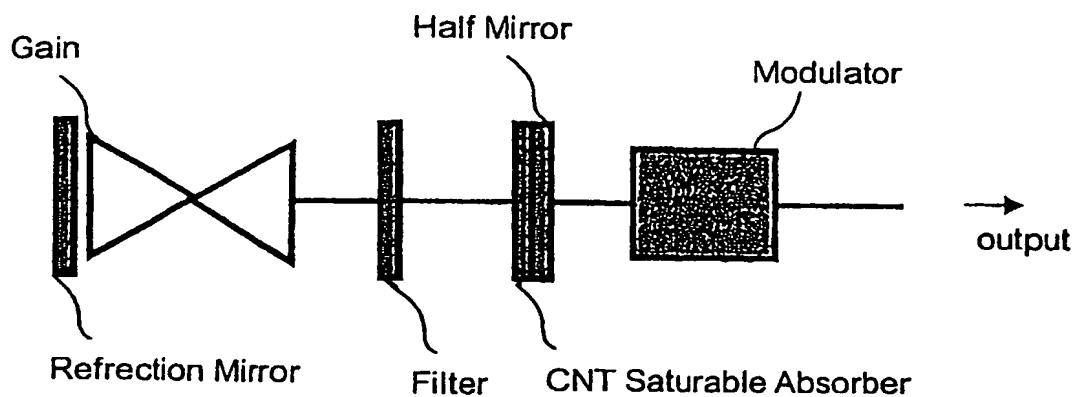


Fig. 13B

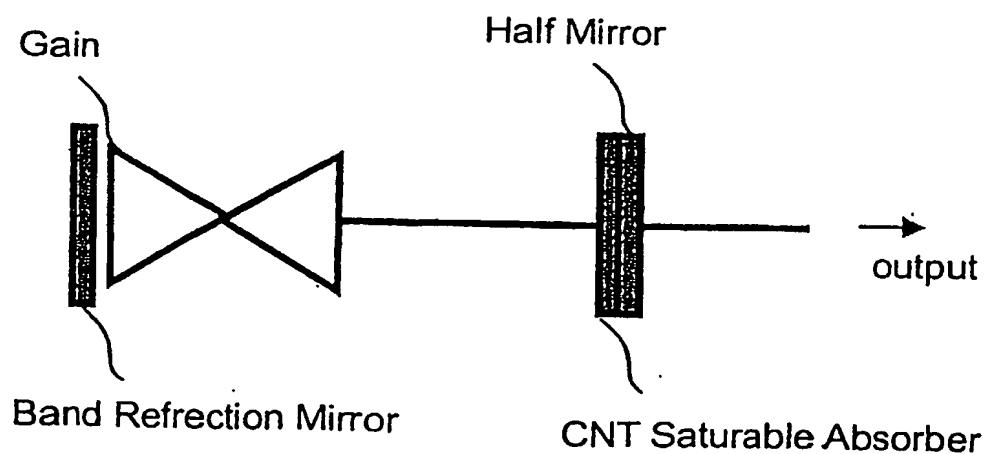


Fig. 13C

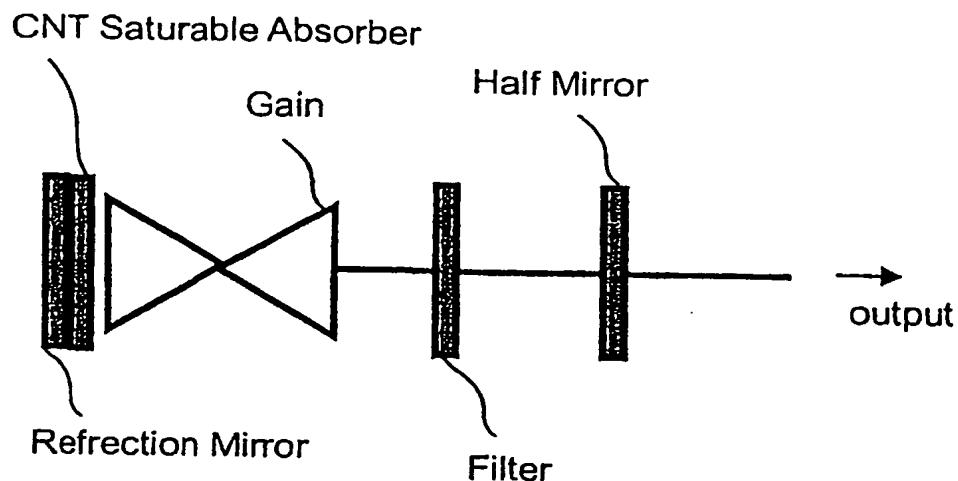


Fig. 13D.

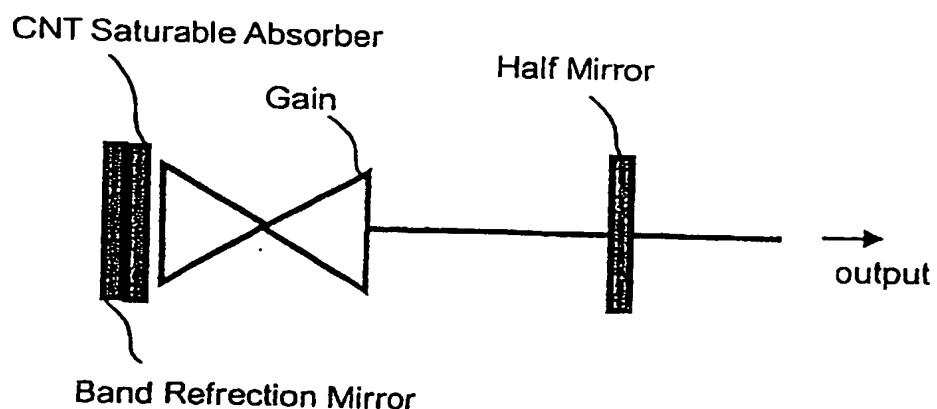


Fig. 13E

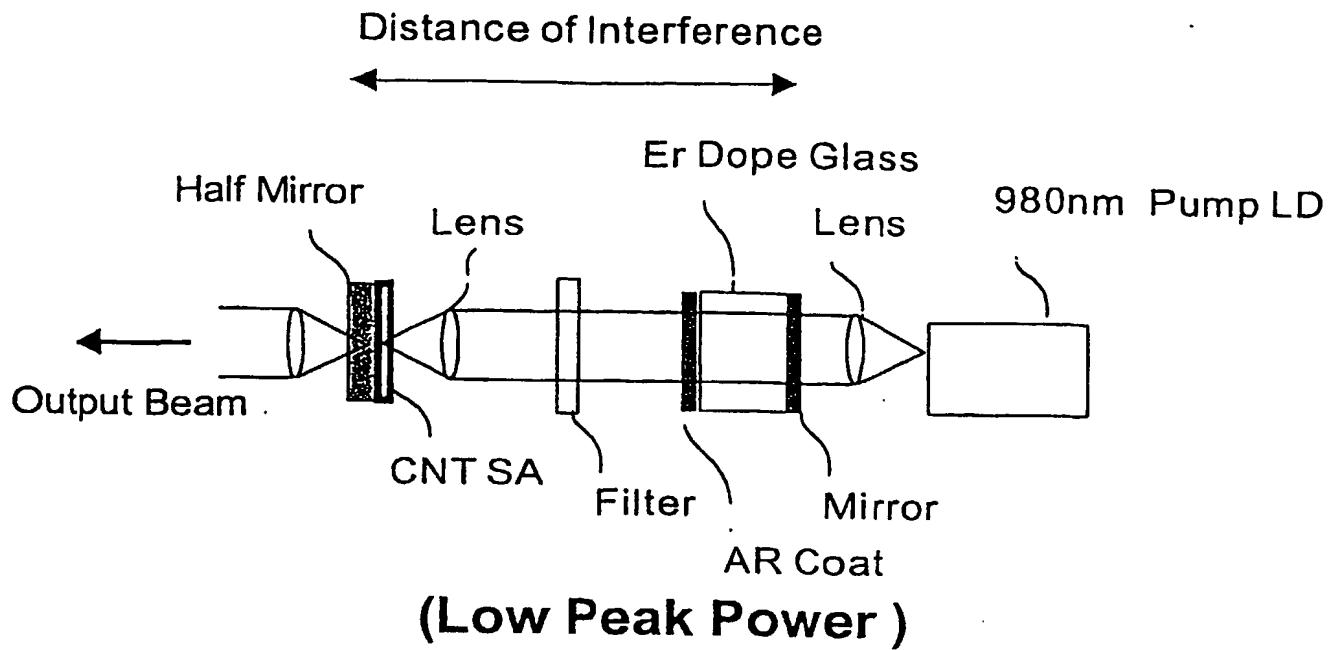


Fig. 14A

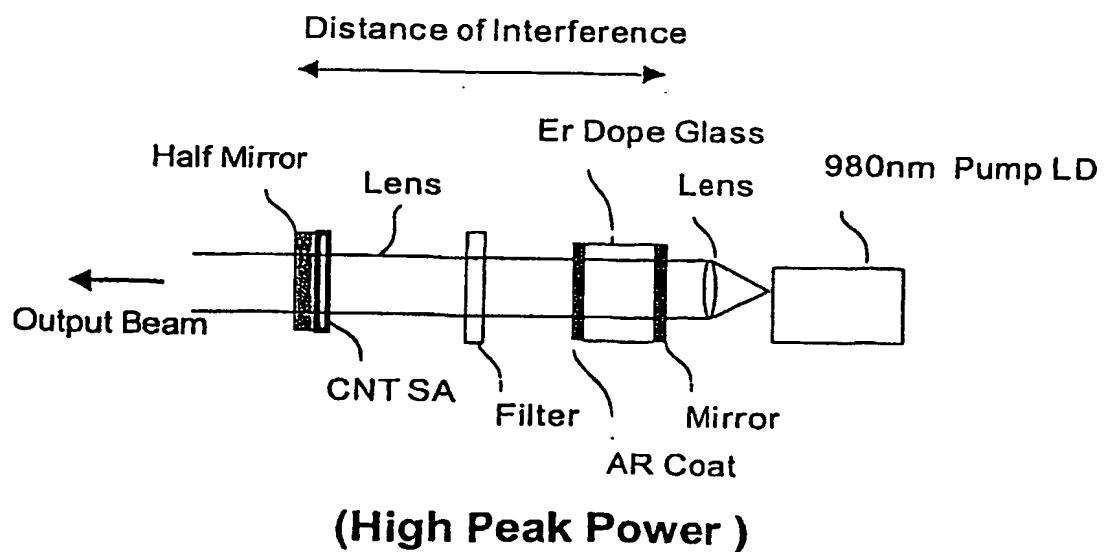


Fig. 14B

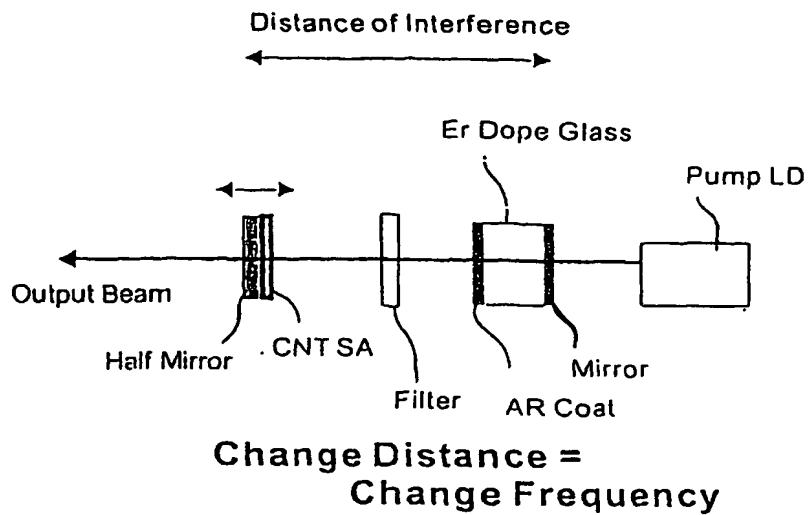


Fig. 14C

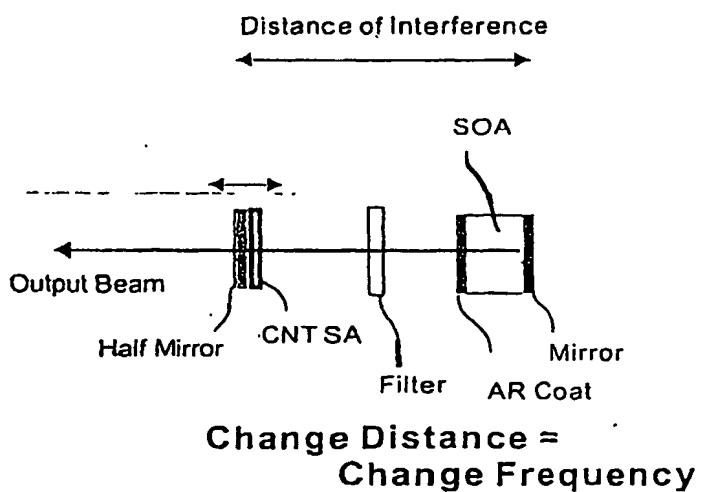


Fig. 14D

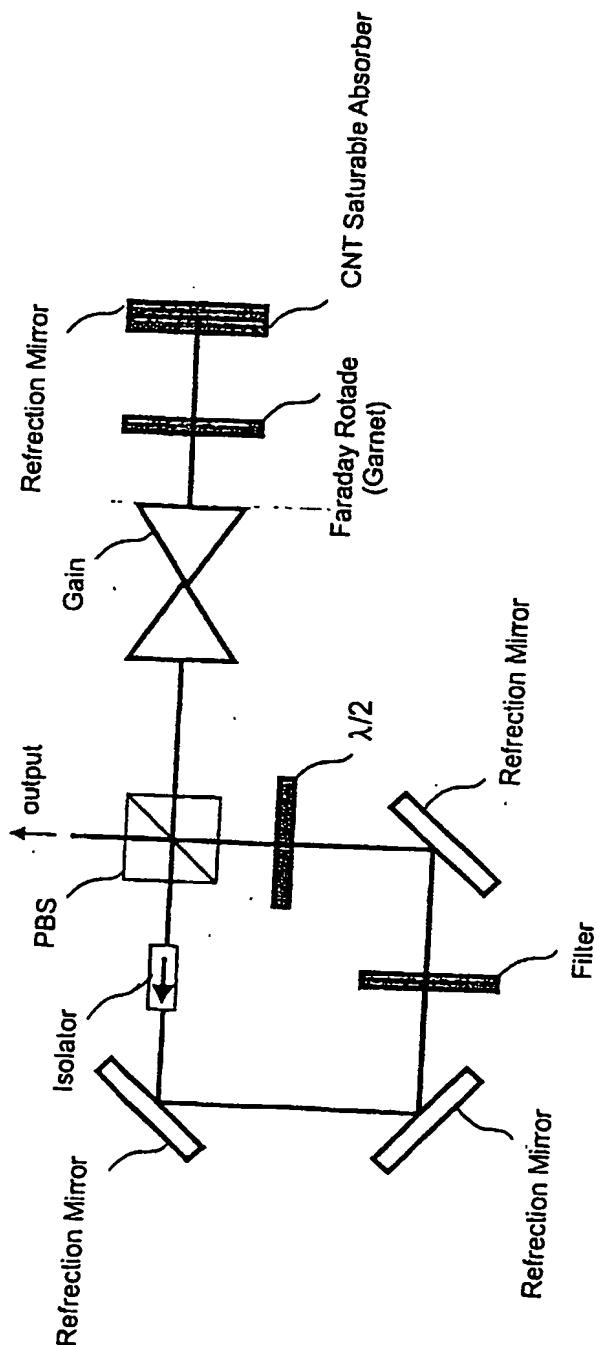


Fig. 15A

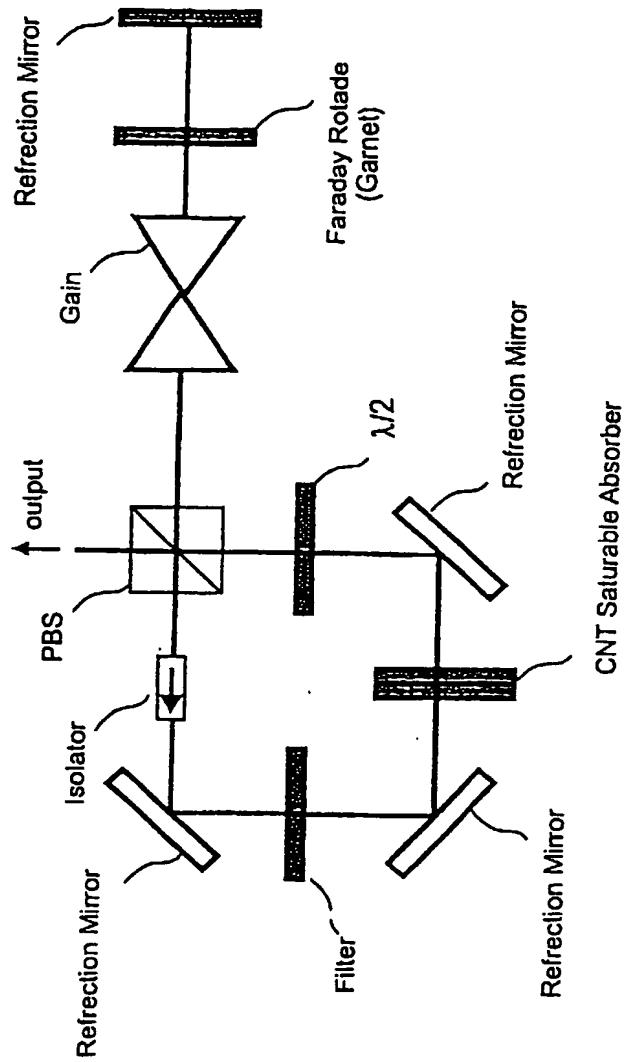


Fig. 15B

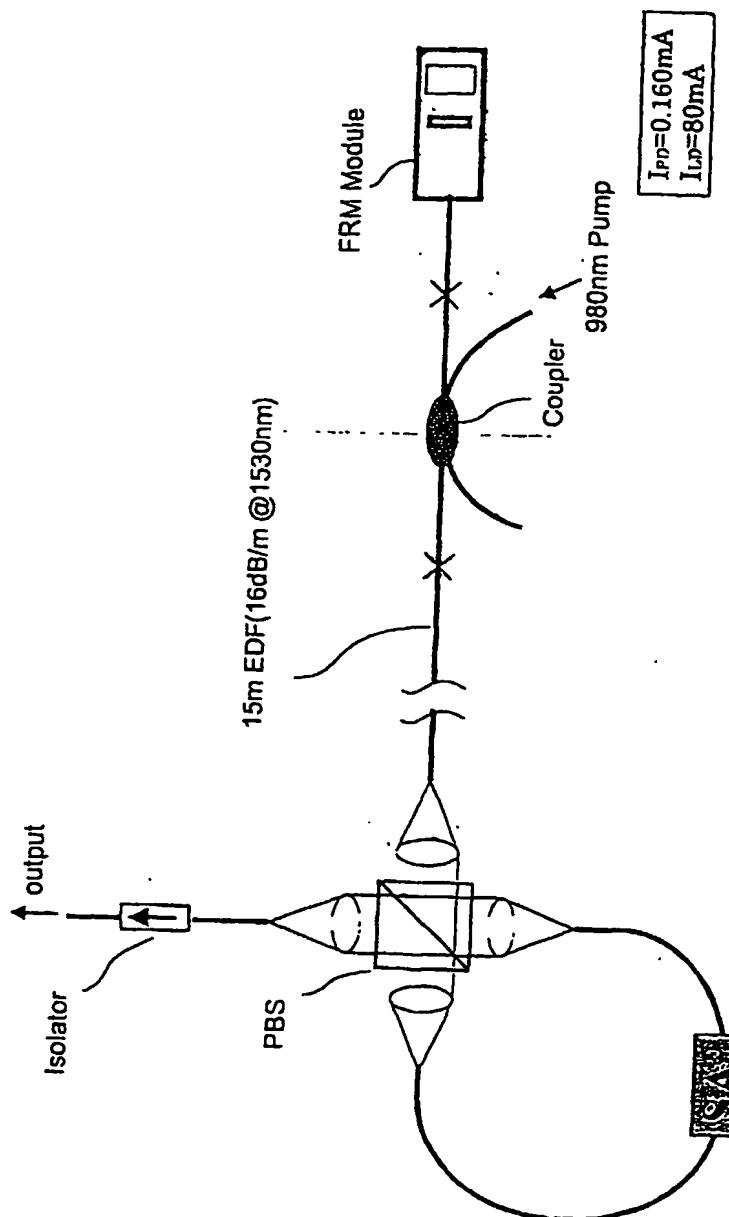


Fig. 15C

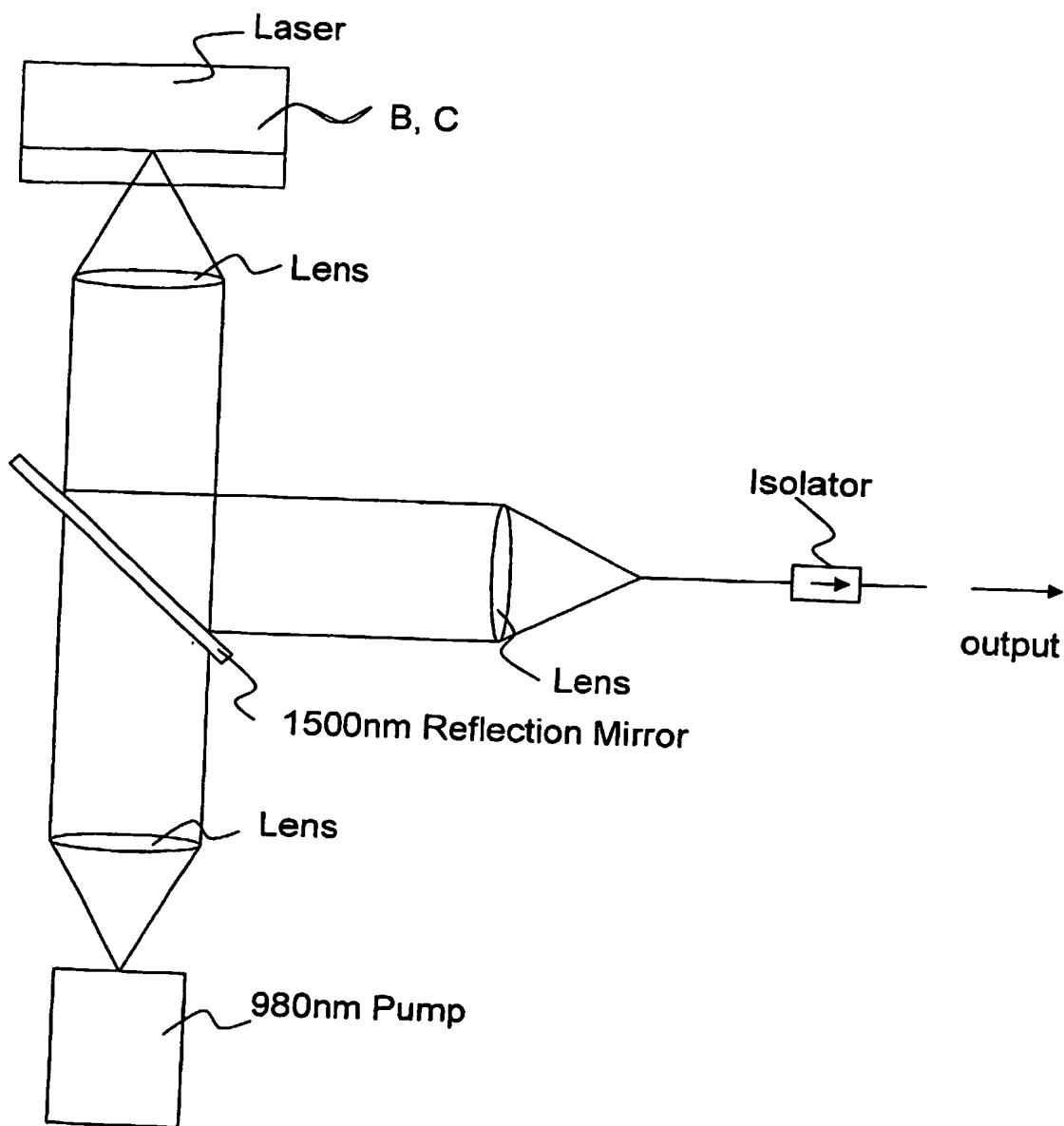


Fig. 16A

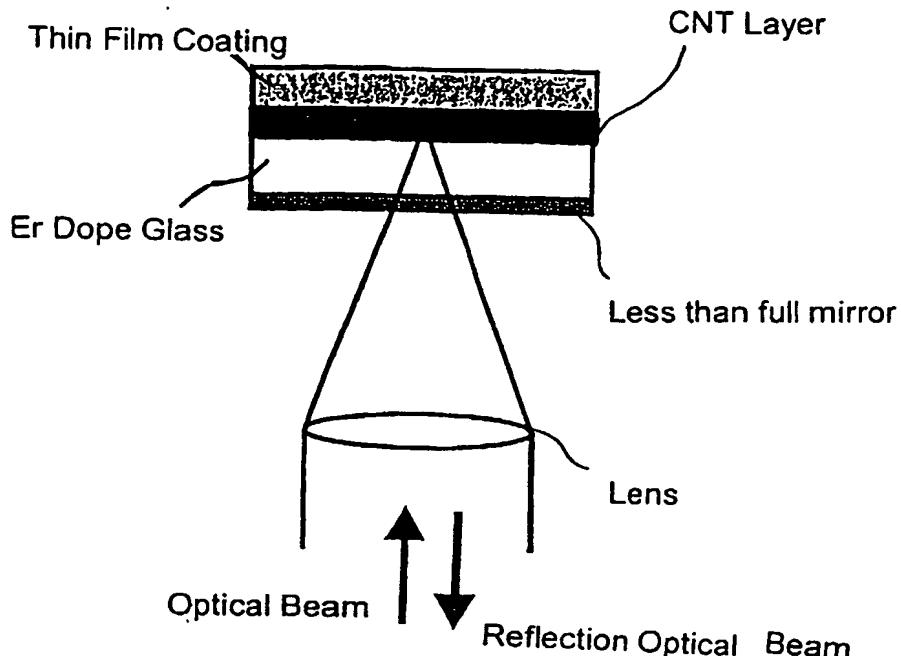


Fig. 16B

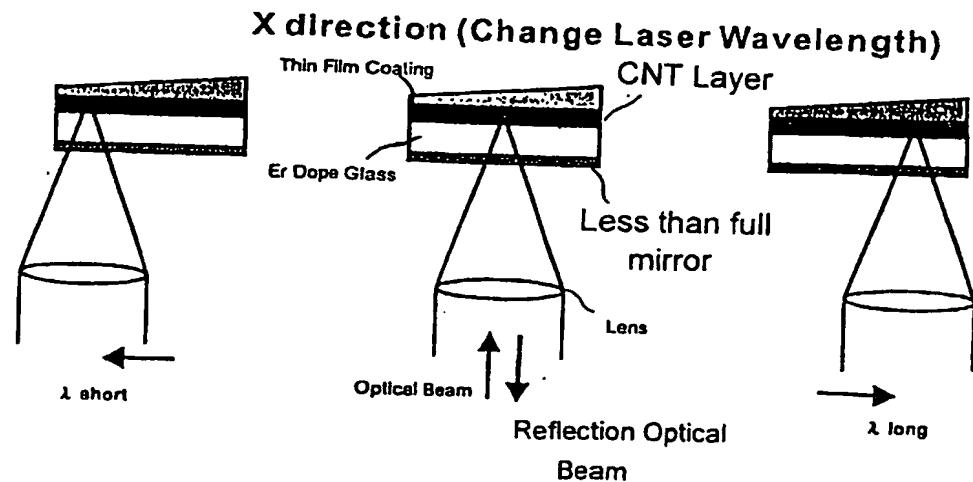


Fig. 16D

Fig. 16C

Fig. 16 E

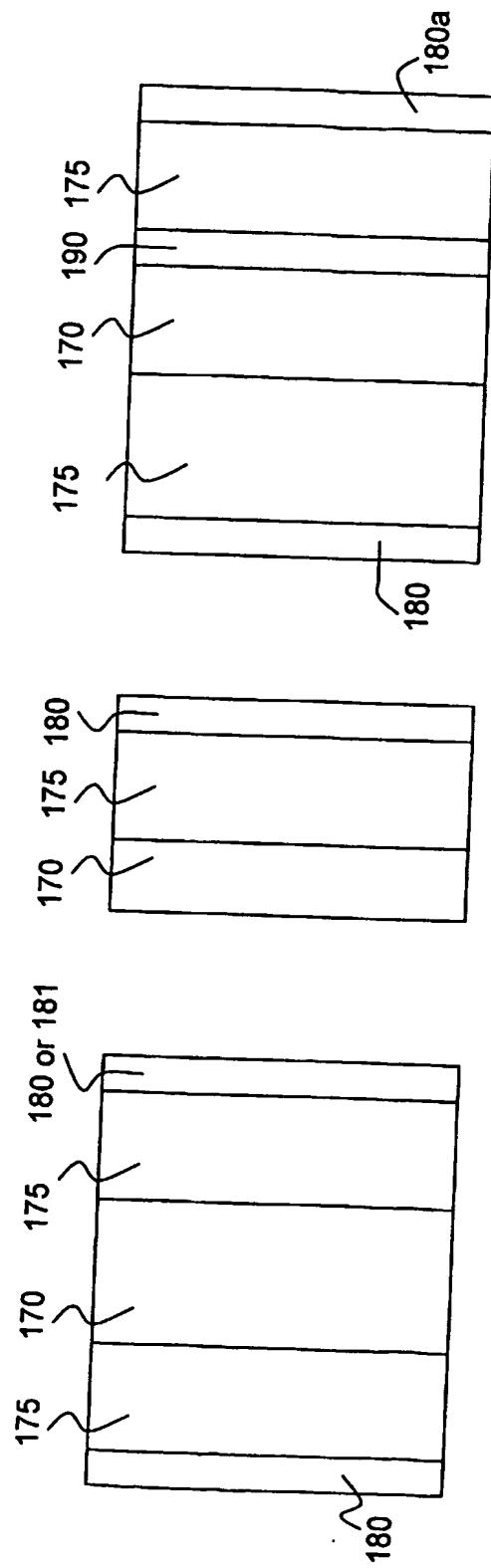


Fig. 17A

Fig. 17B

Fig. 17C

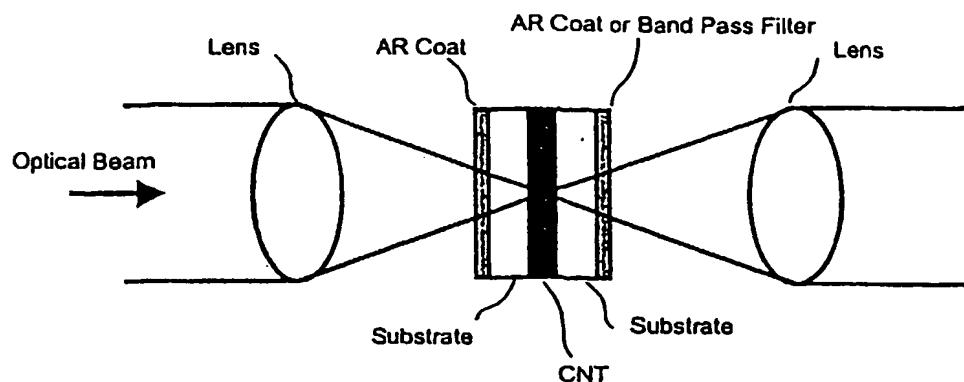


Fig. 17D

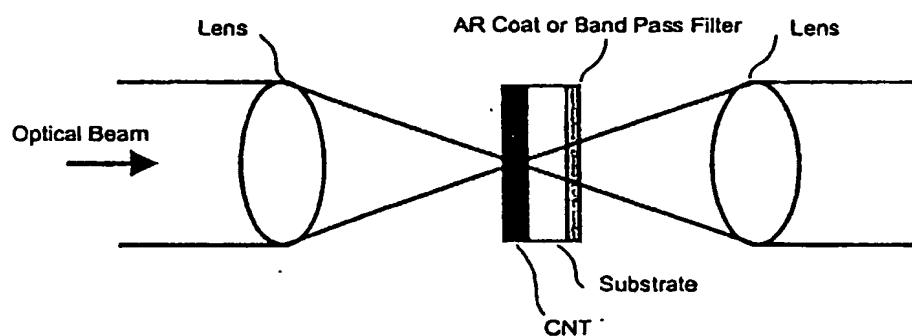


Fig. 17E

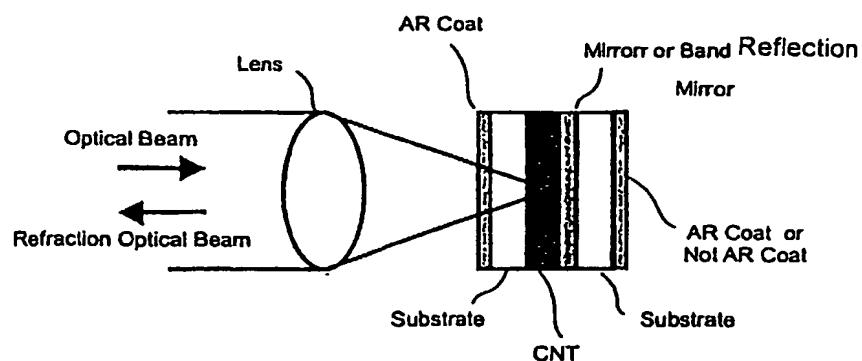


Fig. 17F

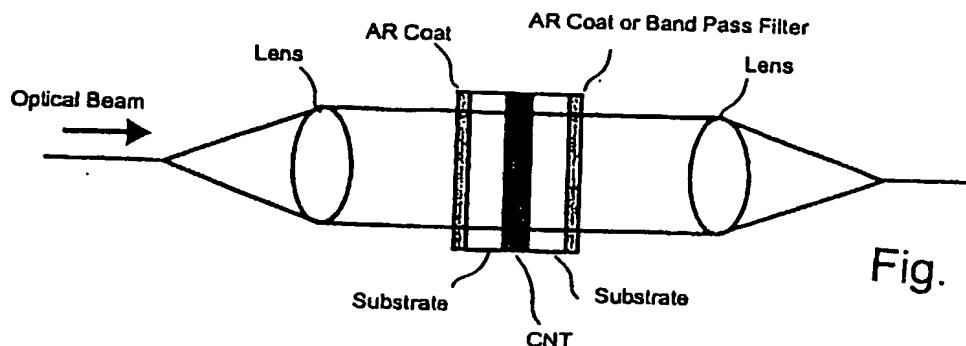


Fig. 17G

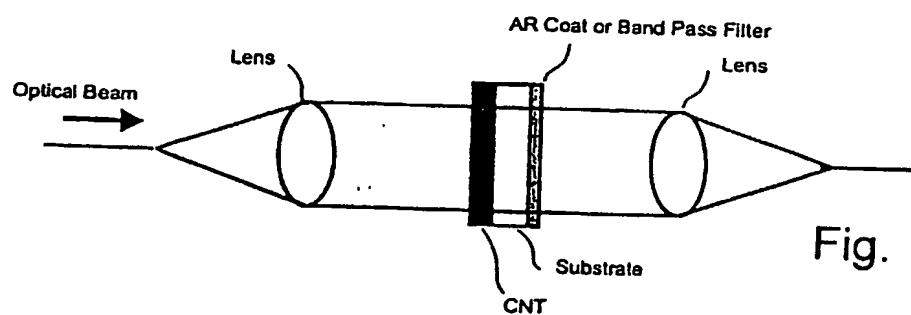


Fig. 17H

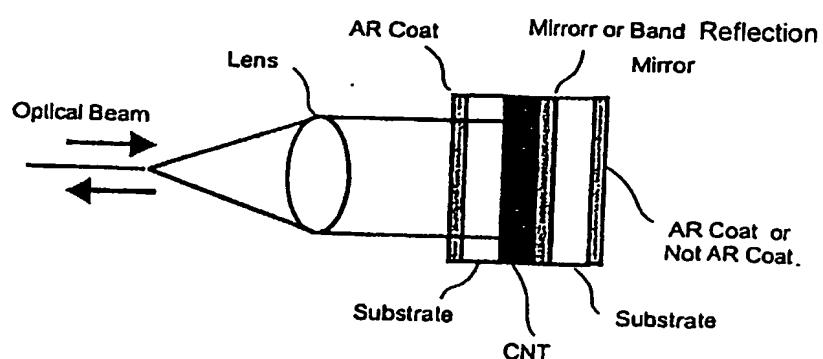


Fig. 17I

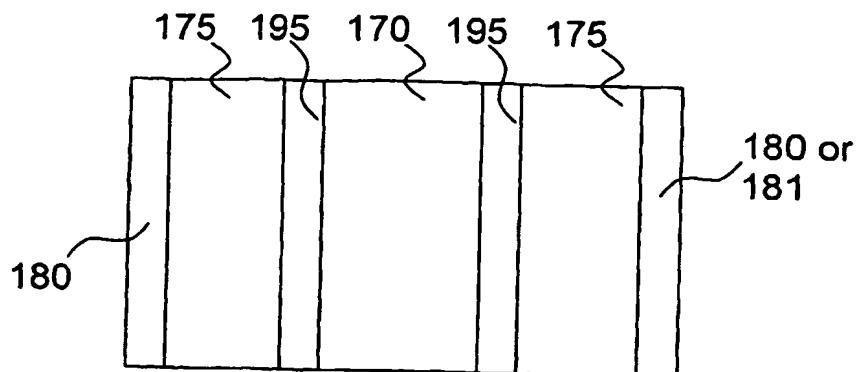


Fig. 17J

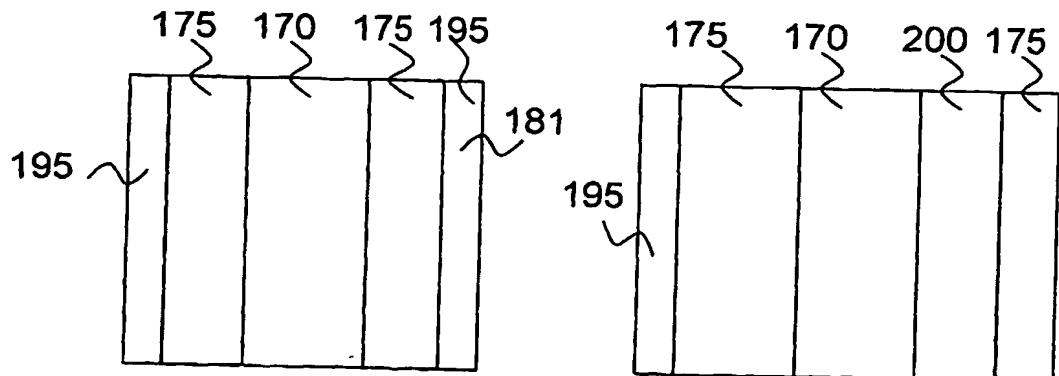


Fig. 17K

Fig. 17L

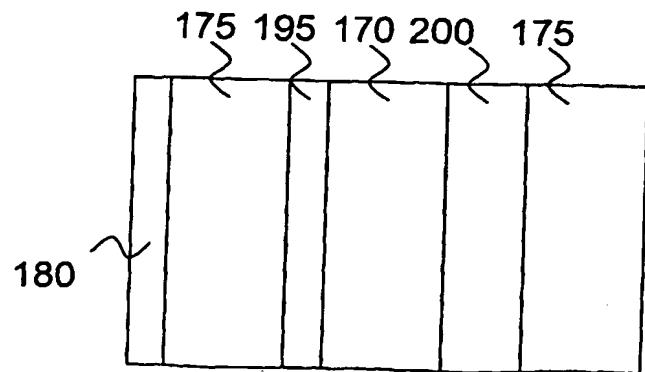


Fig. 17M

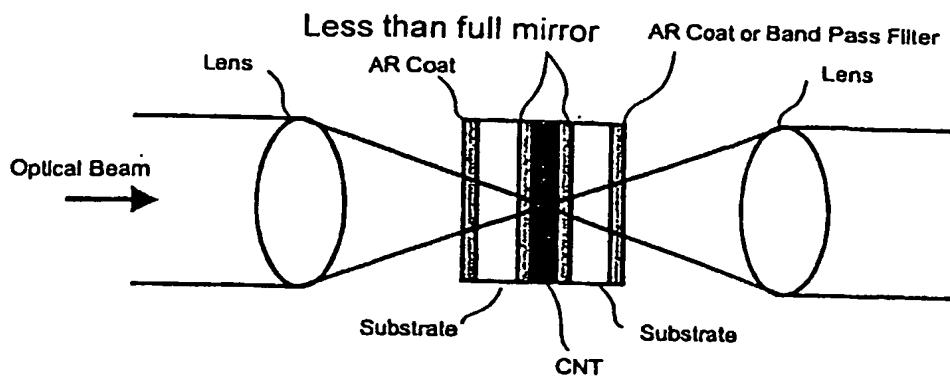


Fig. 17N

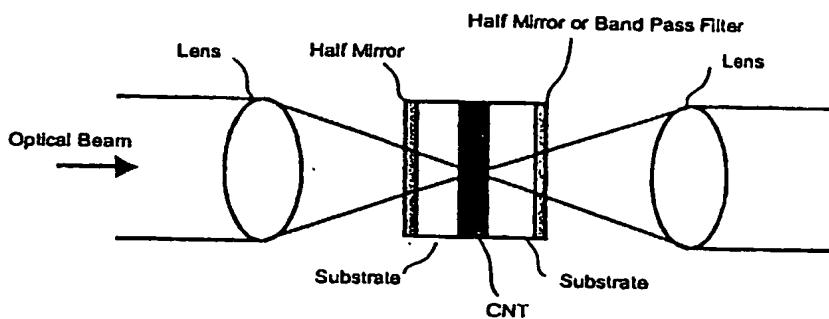


Fig. 17O

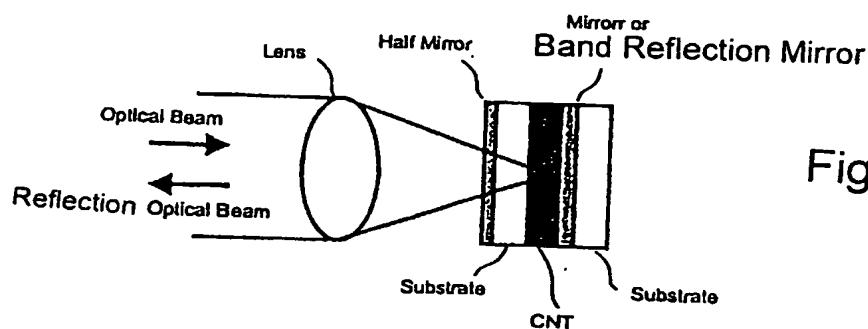


Fig. 17P

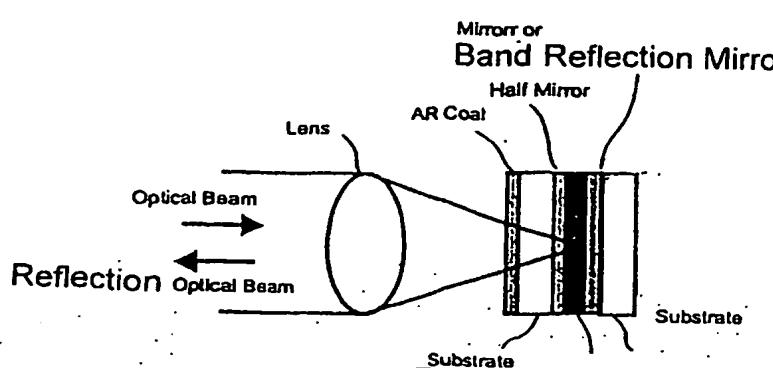


Fig. 17Q

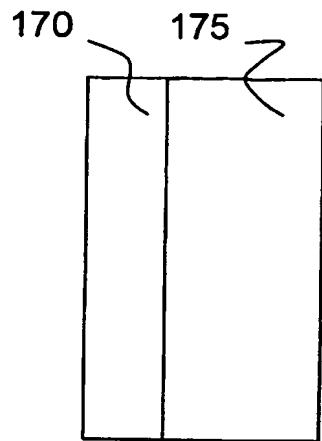


Fig. 17R

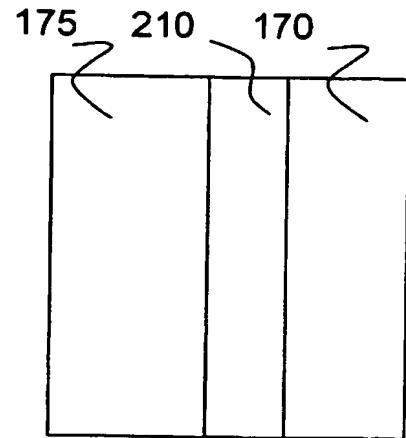


Fig. 17S

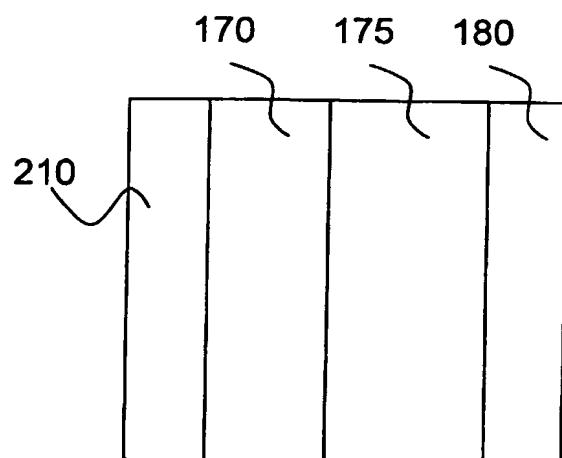


Fig. 17T

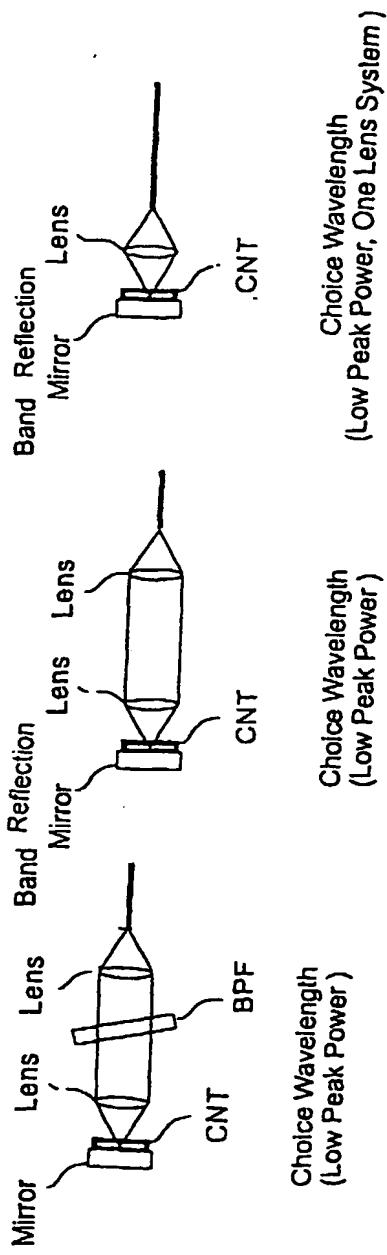
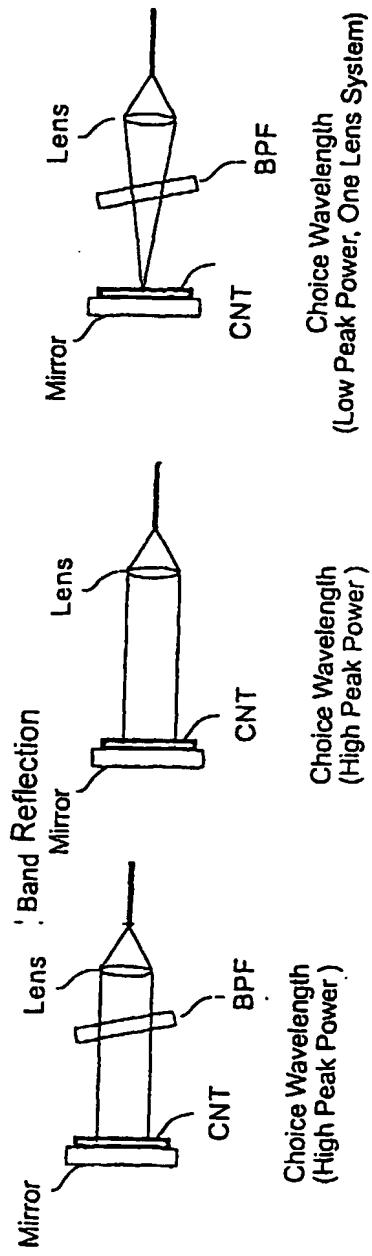


Fig. 17U Fig. 17V Fig. 17W



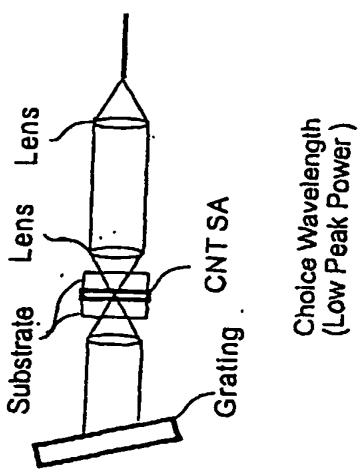


Fig. 17AA

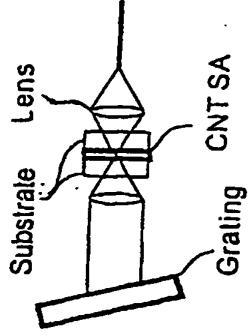


Fig. 17AB

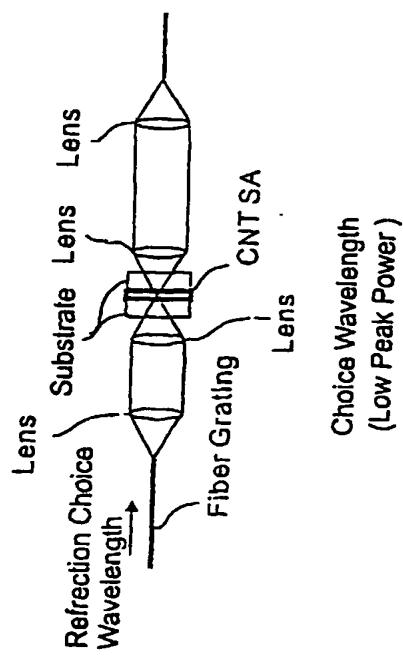


Fig. 17AC

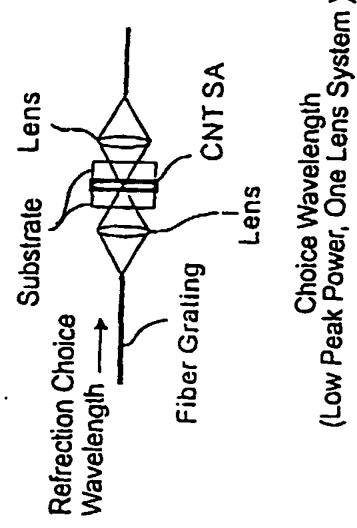


Fig. 17AD

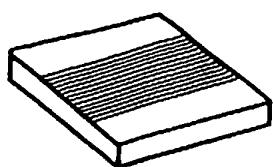


Fig. 18A

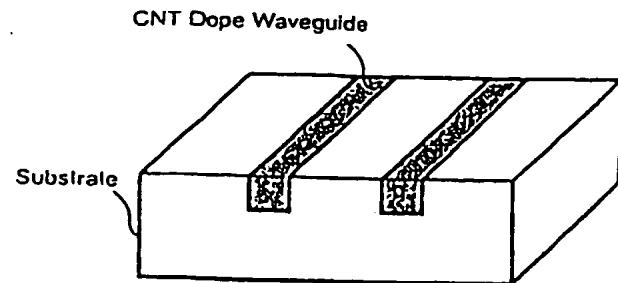


Fig. 18B

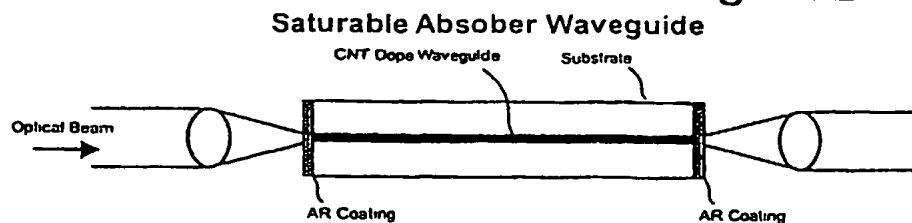


Fig. 18C

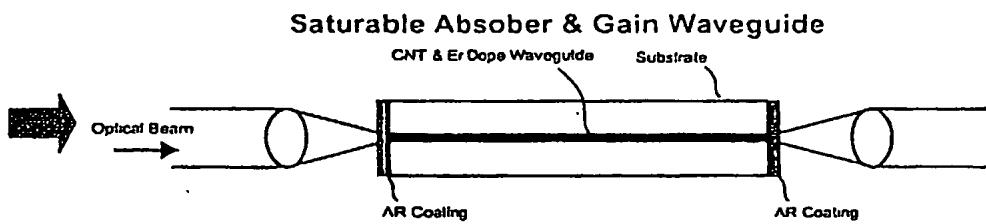


Fig. 18D

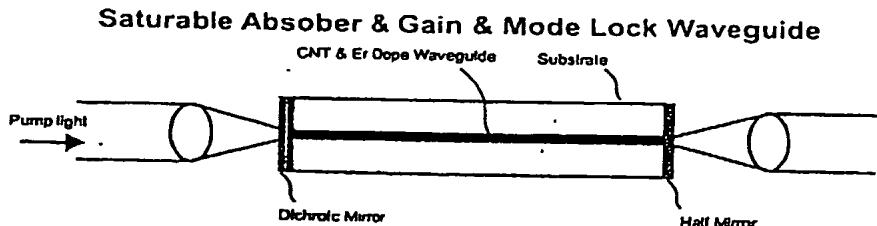


Fig. 18E

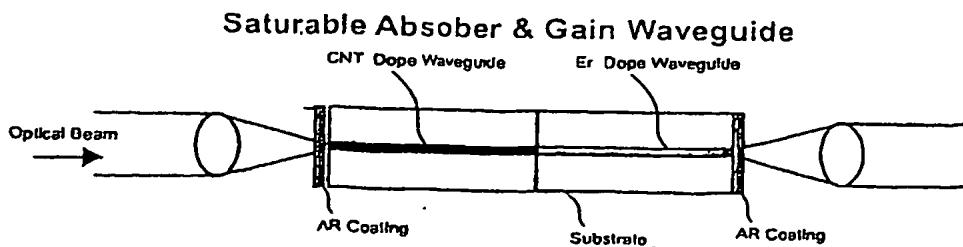
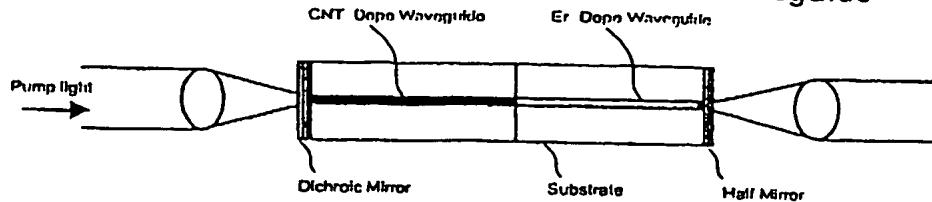
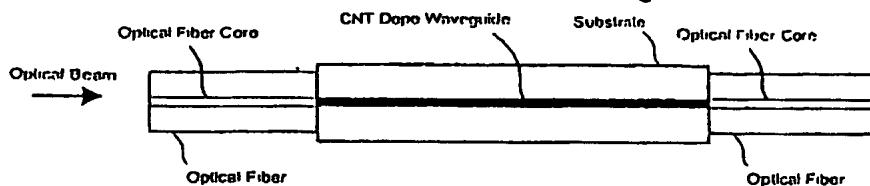
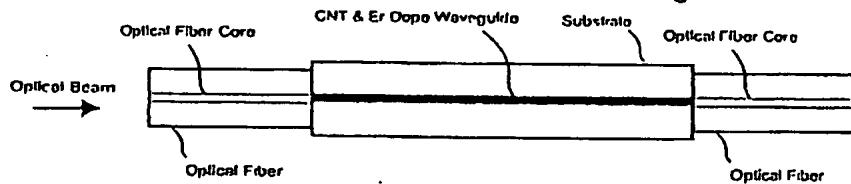
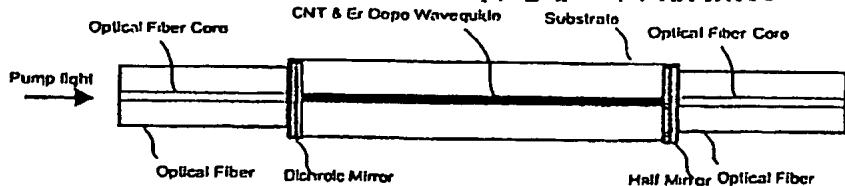
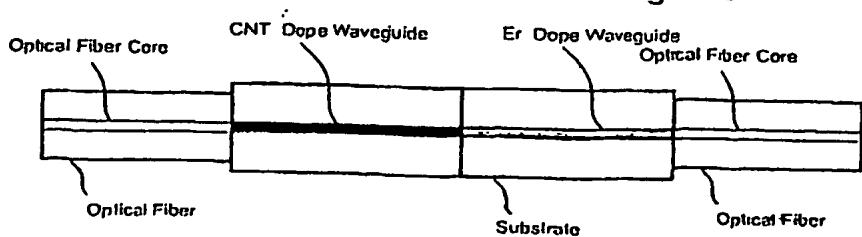
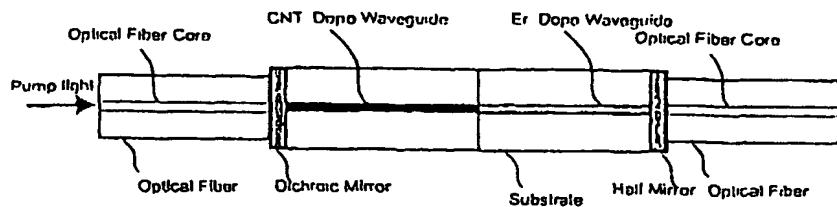


Fig. 18F

Saturable Absorber & Gain & Mode Lock Waveguide**Fig. 18G****Saturable Absorber Waveguide****Fig. 18H****Saturable Absorber & Gain Waveguide****Fig. 18I****Saturable Absorber & Gain & Mode Lock Waveguide****Fig. 18J****Saturable Absorber & Gain Waveguide****Fig. 18K**

Saturable Absorber & Gain & Mode Lock Waveguide**Fig. 18L**

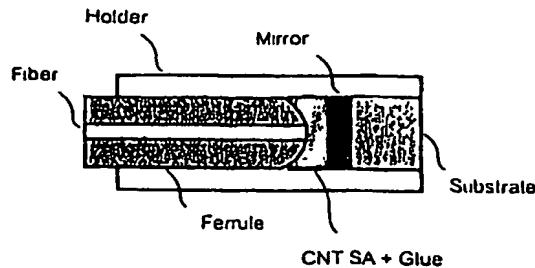


Fig. 19A

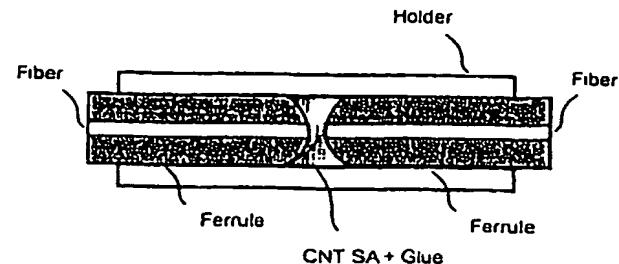


Fig. 19B

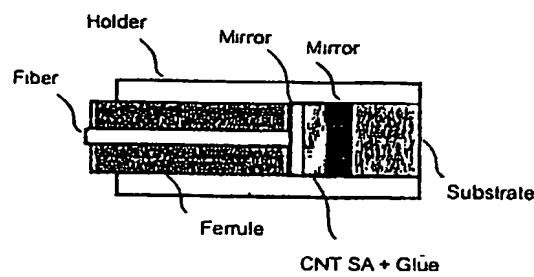


Fig. 19C

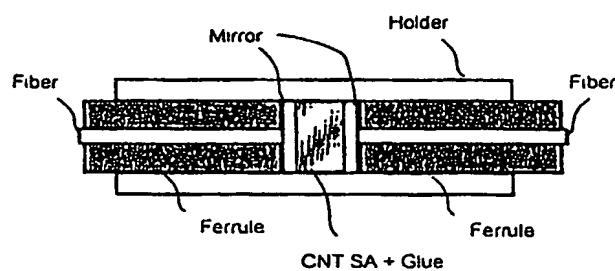


Fig. 19D

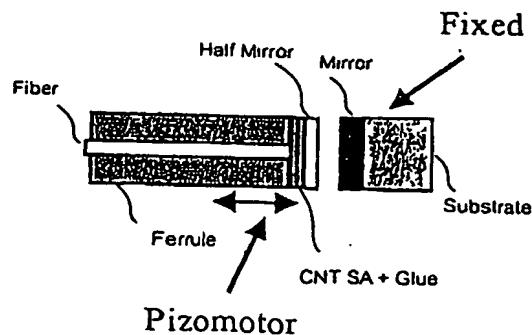


Fig. 19E

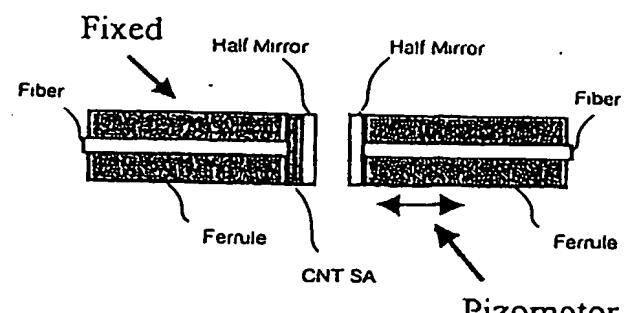


Fig. 19F

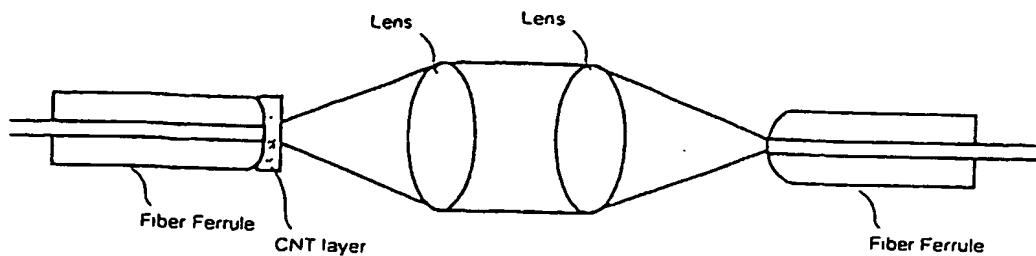


Fig. 19G

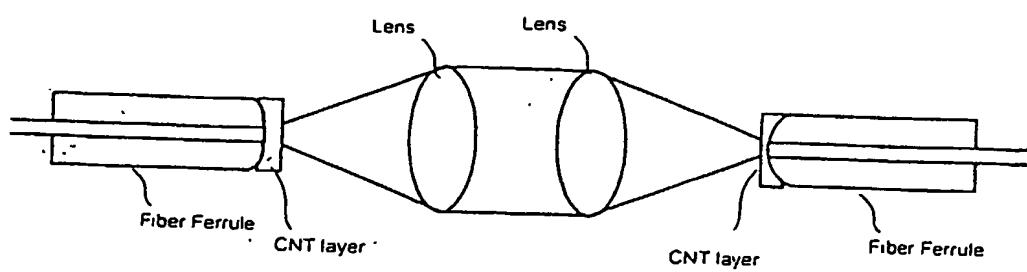


Fig. 19H

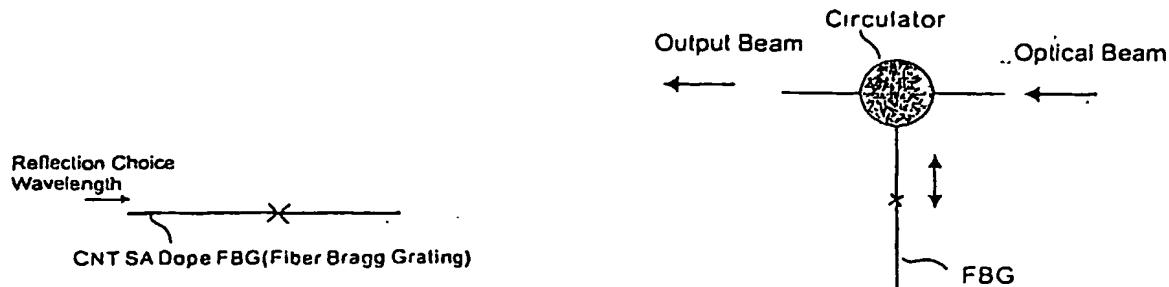


Fig. 20A

Fig. 20B

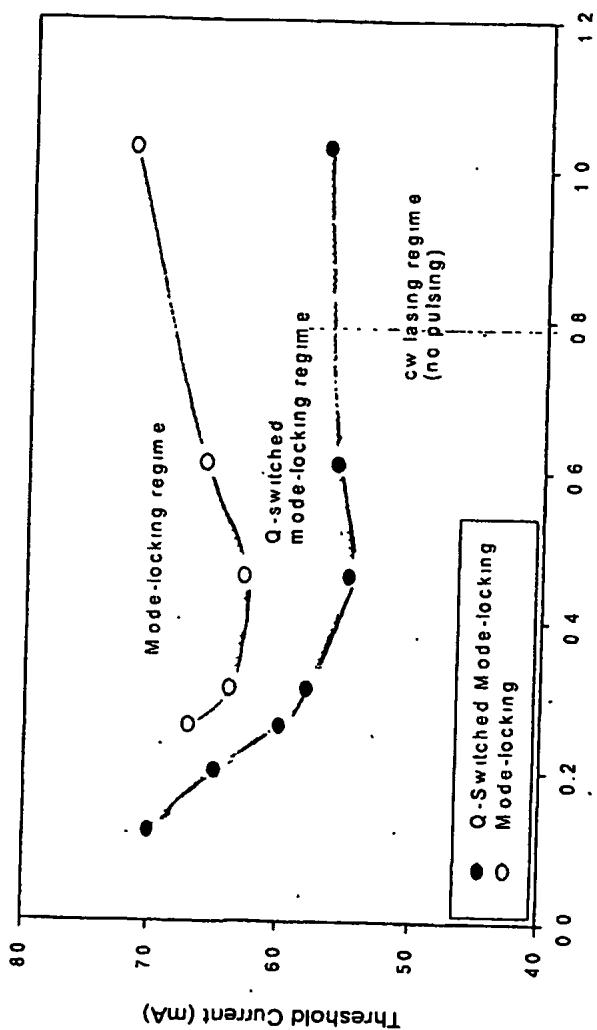


Fig. 21 Laser pulsing threshold and operating regimes.

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